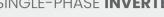




FSERIES(G2)







HIGH PERFORMANCE

Low start-up voltage, wide voltage range, 97.4% maximum efficiency.



FASY INSTALLATION

Flexible configuration, plug and play set-up.



IP65 RATED

Engineered to last with maximum flexibility. Suitable for outdoor installation.



REMOTE MONITORING

Monitor your system remotely via smartphone app or web portal.



Advanced System Monitoring with FoxCloud V2.0

REFINED - POWERFUL - FLEXIBLE

Fox ESS offers a range of single and dual-MPPT single-phase inverter offering unparalleled efficiency and performance. Our dual-MPPT F Series(G2) range includes 3 - 6kW models. The F Series(G2) is IP65 rated and battery ready for easy upgrade when paired with a Fox ESS charge controller.













For more about the Fox ESS range of single-phase inverters, visit:

www.fox-ess.com



TECHNICAL SPECIFICATIONS

MODEL	F3000-G2	F3600-G2	F4600-G2-B	F5000-G2-B	
NPUT(PV)					
Max. Input Power [W]	4500	5400	6900	7500	
Max./Min. Input Voltage [V]		600/80			
Start-up Input Voltage [V]	120				
Rated Input Voltage [V]	360				
MPPT Operating Voltage Range [V]	80~550				
Max. Input Current [A]	14				
Max. Short-circuit Current [A]		18			
No. of MPP Trackers		2			
Strings per MPP Tracker		1			
DUTPUT(AC)			-		
Rated Output Apparent Power [VA]	3000	3600	4600	5000	
Max. Output Apparent Power [VA]	3300	3960	4600	5000	
Rated Grid Voltage [Vac]			230/ 240		
Rated Grid Frequency [Hz]		50/ 60			
Rated Output Current [A]	13.0	15.7	20.0	21.7	
Max. Output Current [A]	14.3	17.2	20.0	21.7	
Power Factor		1 (Adjustable from 0.8 leading to 0.8 lagging)			
Fotal Harmonic Distortion (THDi) [%]		<3			
EFFICIENCY					
MPPT Efficiency [%]		0	0.00		
Euro-efficiency [%]		99.00 96.80			
Max. Efficiency [%]		97.40			
PROTECTION			7.40		
nsulation Monitoring			YES		
Residual Current Monitoring	YES				
DC Reverse Polarity Protection		YES			
Anti-islanding Protection	YES				
AC Short-circuit Protection		YES			
AC Overcurrent Protection		YES			
AC Overvoltage Protection		YES			
Surge Protection		Optional (DC/AC: Type II)			
DC Switch		Optional			
AFCI		Optional			
GENERAL DATA		Ορ	tional		
Dimensions (W*H*D) [mm]		402*.	453*148		
Weight [kg]		14.8			
Cooling Method		Natural Convection			
Fopology		Non-isolated			
Noise Emission (typical) [dB]		<30			
Max. Operating Altitude [m]	3000				
Operating Autube [111] Operating Temperature Range [°C]	-25 ~ 60				
Humidity [%]	0 ~ 100 (No Condensation)				
ngress Protection	IP65				
ngress Protection nternal Consumption at Night [W]	1P65 <1				
Monitoring Module	WIFI / GPRS / 4G (Optional)				
Communication	RS485, Meter / CT, DRM				
Display	LCD, Touch Key, App, Website China				
Country Of Manufacture		C	iiiid		
STANDARD COMPLIANCE (MORE AVAILABLE UPON REQUE	51)				
Safety		EN/IEC 62109-1/2			
EMC		EN 61000-6-1/2/3/4			
Grid Regulation	AS/NZS-4777.2, CEI 0-21				